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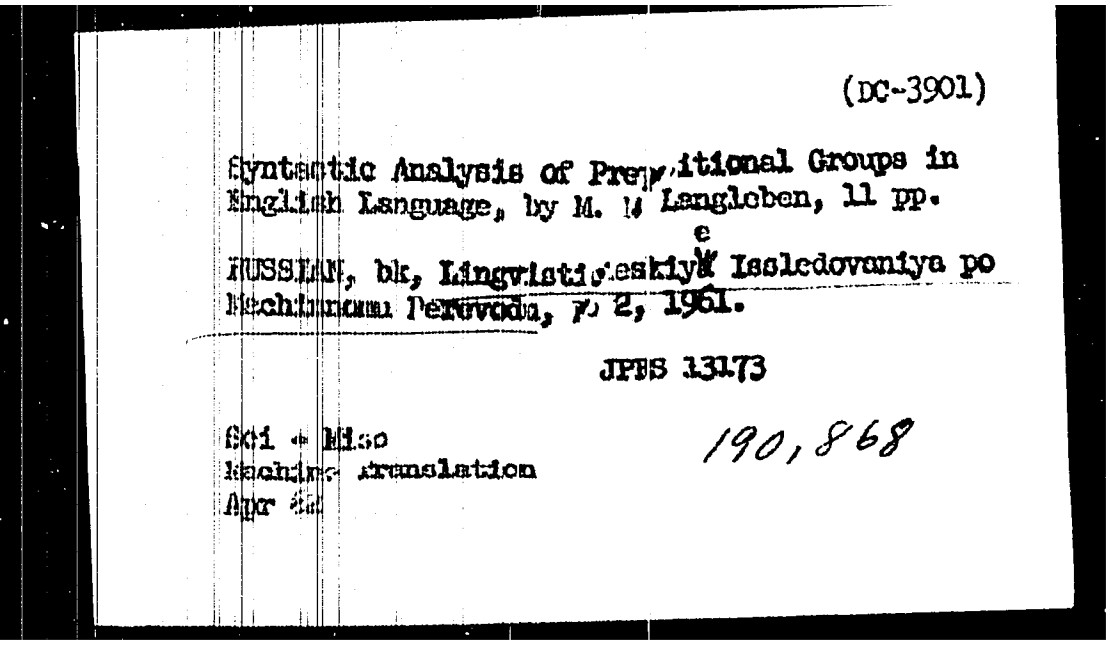

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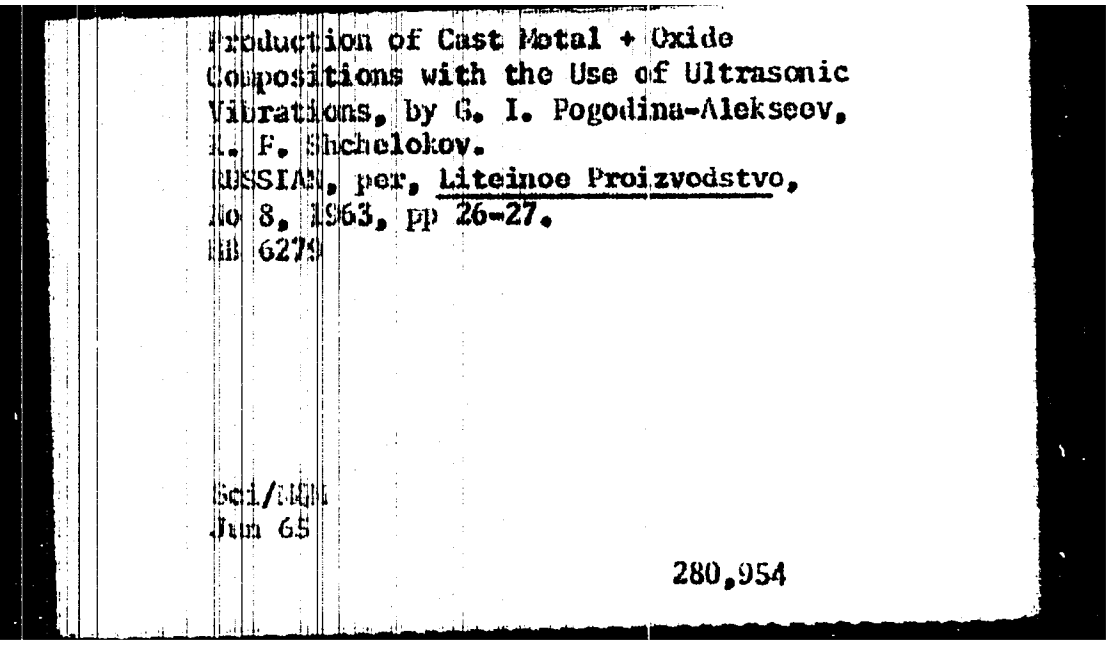

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Effect of Nitrogen Upon Surface Tension and Crystallization of Austenitic Steels, by N. S. Kreshchanovskiy, et al.

RUSSIAN, per, Lit Proiz, Vol V, No 1, 1954, pp 23, 24.

Brutcher Tr
No 3372
$2.75

Scientific - Minerals/Metals CTS/DEX

19,510

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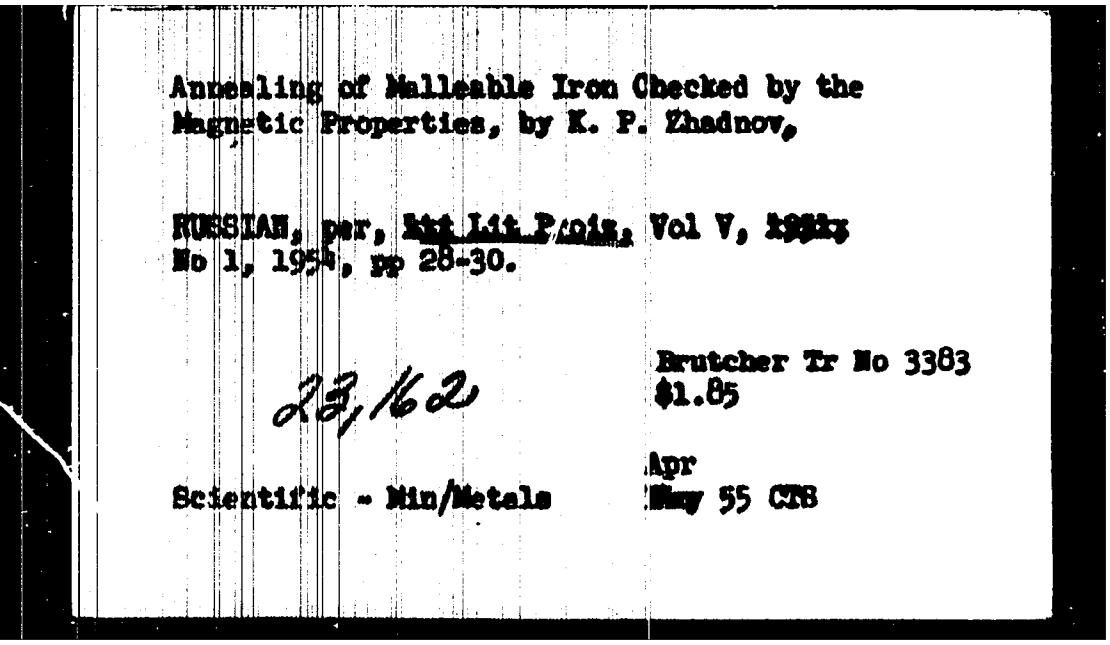

Annealing of Malleable Iron Checked by the Magnetic Properties, by K. P. Zhadnov,

RUSSIAN, per, Met Lit P/cis, Vol V, [illegible]
No 1, 1954, pp 28-30.

23,162

Brutcher Tr No 3383
$1.85

Apr
May 55 CTS

Scientific - Min/Metals

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Melting of Unbriquetted Fine Metal Scrap in the Cupola, by Yu. S. Sukharchuk, M. P. Nikolaichik.

RUSSIAN, Per, Liteinoe Proizvodstvo, Vol V, No 1, 1954, pp 30, 31.

Brutcher Tr No 3384

14,715

Scientific - Min/Metals

Dec 54 CTS/DEK

$4.60

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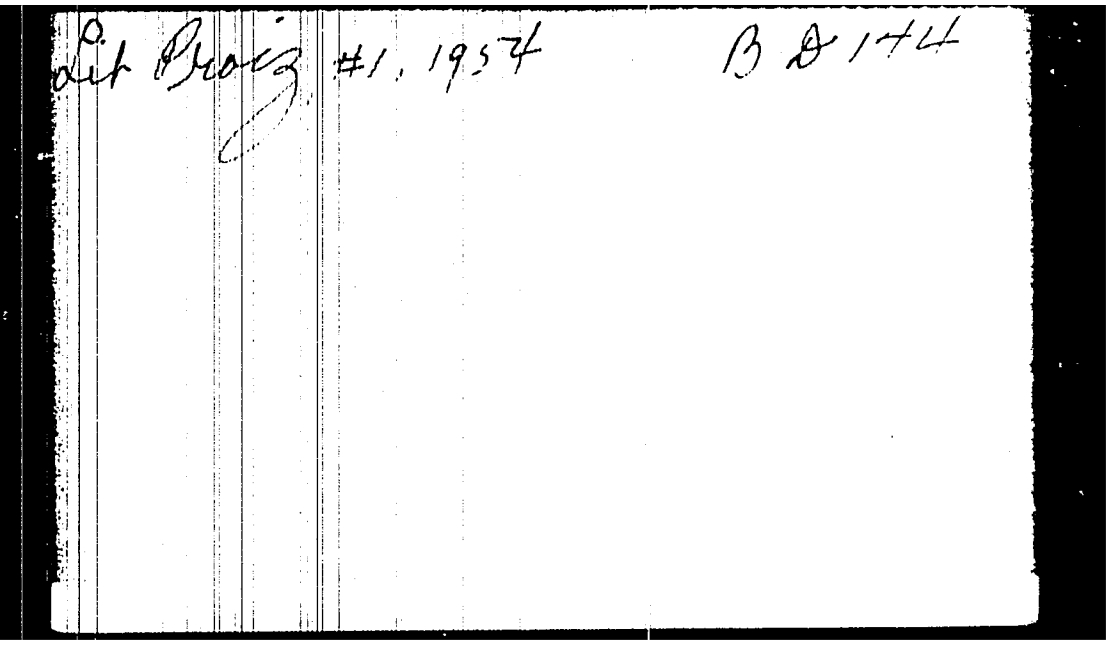

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Use of Oxygen in the Melting of Low Carbon Superheated Cast Iron, by V. A. Fuklev.

RUSSIAN, per, Liteinoe Proizvodstvo, Vol V, No 2, 1954, pp 1-3.

Brutcher Tr
No 3364

Scientific - Min/Metals Jan 55 CTS/DEX

20,887

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

On the Formation of Hot Tears, by V. G. Lyuttsau,

RUSSIAN,
GERMAN, per, Lit Proiz, Vol V, No 2, 1954,
pp 16-18.

Brutcher Tr No 3374

Scientific - Min/Metals

13,726

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

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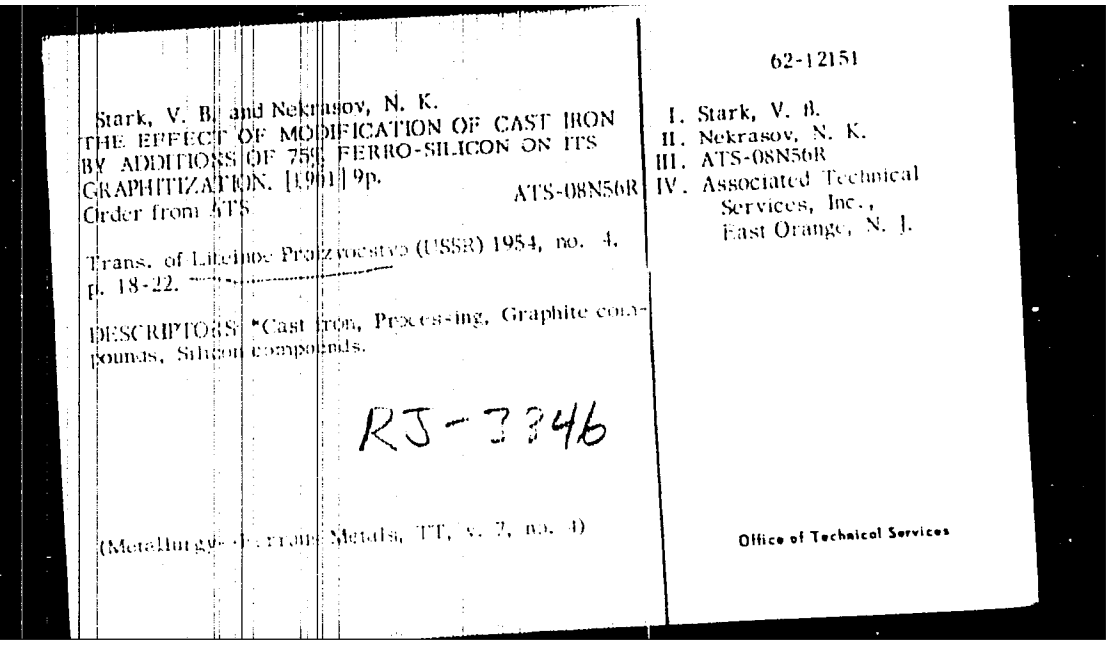

62-12151

Stark, V. B. and Nekrasov, N. K.
THE EFFECT OF MODIFICATION OF CAST IRON BY ADDITIONS OF 75% FERRO-SILICON ON ITS GRAPHITIZATION. [1961] 9p.
Order from ATS ATS-08N56R

Trans. of Liteinoe Proizvodstvo (USSR) 1954, no. 4, p. 18-22.

DESCRIPTORS: *Cast iron, Processing, Graphite compounds, Silicon compounds.

RJ-3346

(Metallurgy of Ferrous Metals, TT, v. 7, no. 4)

I. Stark, V. B.
II. Nekrasov, N. K.
III. ATS-08N56R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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The Influence of Boron on the Properties of Cast Austenitic Chrome-Nickel Steel of the Type X15 N25, by N. S. Kreshchanovskiy et al.

RUSSIAN, per, Lit Proiz, No 5, 1954, pp 16-19.

Co-Op Trans Sch Tr 331
£1.12s.

49,173

Sci - Min/met
Jul 57

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

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Casting of Steel Shot, by F. T. Efimov, et al,

RUSSIAN, per, Lit Proiz, Vol V, No 6, 1954, pp 1-3.

27,829

Brutcher Tr 3452

Scientific - Min/Metals

Oct 55 CIS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Effect of Surface Defects on the Fatigue Strength of Magnesium-Treated Cast Iron Crankshafts, by I. V. Kudryavtsev, N. A. Balabanov.

RUSSIAN, per, Lit Proiz, No 6, 1954, pp 18-20.

Sci Mus Lib Tr 57/0124
Co-Op Trans Sch Tr 121

49,375

Sci - Min/met
Jul 57

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Coatings for Patterns, by D. G. Saitsev,

RUSSIAN, per, Lit Proiz No 6, 1954, p 31.

Co-op Tr Sch Tr 133
8s.0d.(1s.0d.)

26,767

Scientific - Chemistry

Sep 55 CTS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Oscillographic Method of Measuring the Rate of Motion of a Metal in a Casting Mold, by [redacted] T.I. Orlova, 9 pp. UNCL.

RUSSIAN, per, Lite Proiz, No 7, 1954, pp 25-27.
9660821

ATIC F-TS-0045/III

Sci - Phys, Min/Met

149,441

Fe
Apr 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

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(FDD 25977)

Wear Resistance of Tractor and Internal Combustion Engin Parts From High-Quality Cast Irons, by B. N. Seredenko, 18 pp.

RUSSIAN, bimo per, Liteynoye Proizvodstvo, No 8, Moscow, Nov 1954, pp 3-6.

CIA/FDD/U-β 7770

31,612

USSR
Sci - Minerals/Metals

Jan 56 CTS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

(FDD 25978)

Seasonal Gas [redacted] Porosity of Aluminum-Silicon Alloy Castings, by A. A. Gorshkov, S. V. Vargin, 13 pp.

RUSSIAN, bimo per, Leteynoye Proizvodstvo, No 8, Moscow, Nov 1954, pp 14-16.

CIA/FDD/U-7771

USSR
Sci - Minerals/Metals

31,613

Coop Trans Sch 151

Jan 56 CTS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

FDD 25979

Review of D. M. Ksenofontov's Book: "Casting by the Method of Vacuum Suction," by L. M. Pevzner, 5 pp.

RUSSIAN, bimo per, Liteynoye Proizvodstvo, No 8, Moscow, Nov 1954, pp 31-32.

CIA/FDD/U-7772

USSR
Sci - Minerals/Metals

31,611

Jan 56 CTS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Gorbachev, I. V.
M. A. KRISHTAL'S EQUATION (Ob Uravnenii M. A. Khrishtala). Jan 61 [15]p. 6 refs. RTS 1552.
Order from LC or SLA ml$2.40, ph$3.30 61-15705

Trans. of Liteynoye Proizvodstvo (USSR) 1955, no. 2, p. 17-20.

An examination is made of an equation derived by Krishtal (Liteynoye Proizvodstov 1953: no. 6, 22-24; available in translation from SLA as RT-3356) for the analysis of graphitization. The examination enables the cases to be determined for which the theory of K. P. Bunin is valid. (See also HB-4276 or 59-12274)

(Metallurgy--Ferrous Metals, TT, v. 5, no. 11)

61-15705

1. Carbon--Diffusion
2. Steel--Phase studies
3. Title: Krishtal's equation
I. Gorbachev, I. V.
II. RTS-1552
III. Department of Scientific and Industrial Research (Gt. Brit.)

160943

Office of Technical Services

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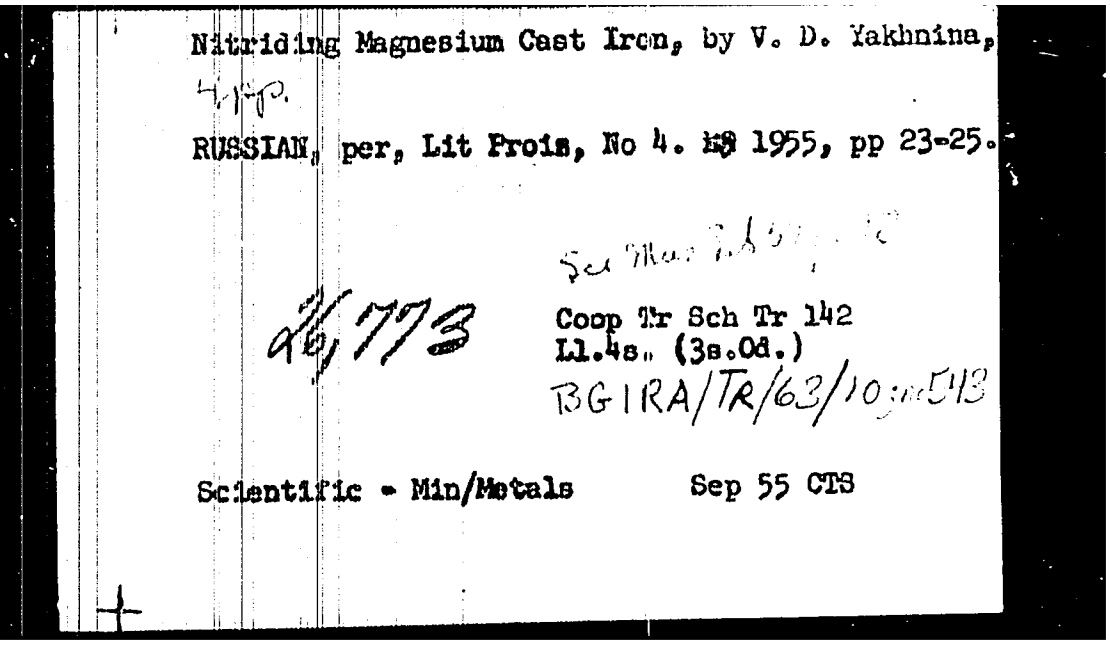

Nitriding Magnesium Cast Iron, by V. D. Yakhnina,
4 p.
RUSSIAN, per, Lit Proiz, No 4. 1955, pp 23-25.

Sc Mat

45,773

Coop Tr Sch Tr 142
Ll.4s. (3s.0d.)
BGIRA/TR/63/10 m543

Scientific - Min/Metals Sep 55 CTS

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Feeding Steel Castings Produced by the Lost Wax Process, by Khenkin.

RUSSIAN, per, Liteinoe Proiz, No 5, 1955, pp 1-7.

Co-op Tr Sch Tr 602

57, 731

Sci - Engr
Jan 58

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Part Copper Anti-Friction Steel, by A. A. Iunev.

RUSSIAN, per, Lit Proiz, No 5, 1955. pp 15-18.

Navy Tr 1302/Bushing 599

32,855

Tcd - Bimetallic/metals

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Special Aspects of the Production of Heat-Resistant Castings, by V. P. Desnitskiy.

RUSSIAN, mo per, Liteinoe Proizvodstvo, No 6, 1955, pp 1-4.

Coop Trans Scheme Tr 175
12s.0d. (3s.0d.)

Sci - Minerals/Metals, Engineering

36,405

Jul 1956

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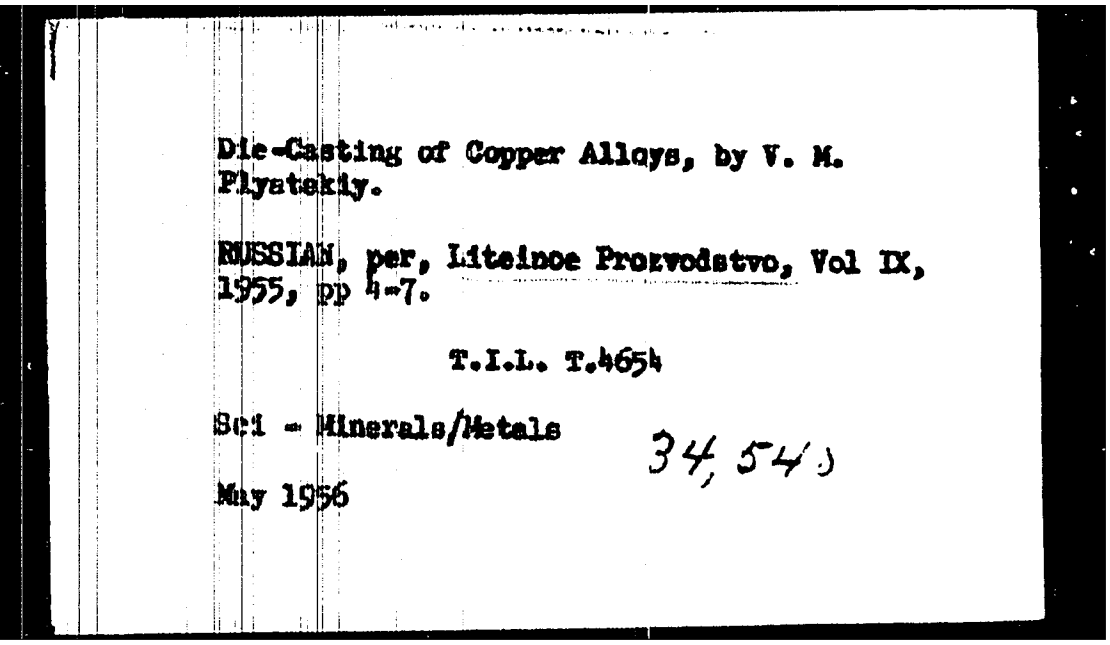

Die-Casting of Copper Alloys, by V. M. Plyatskiy.

RUSSIAN, per, Liteinoe Proizvodstvo, Vol IX, 1955, pp 4-7.

T.I.L. T.4654

Sci - Minerals/Metals

34,543

May 1956

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Behavior of Hydrogen in Metals Under the Influence of Direct Current, by D. P. Lovtsov.

RUSSIAN, per, Liteinoe Proizvodstvo, No 9, 1955, pp 15-19.

Brutcher Tr 9693

Sci - Chemistry, Minerals/Metals 35-509

Jun 1956

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

Dimensions of Detritus as Index of Extent of Wear of Metal Surfaces, by V. B. Lyadskiy,

RUSSIAN, mo per, Lit Proiz, No 10, 1955, pp 10-13.

Co-Op Trans Sch Tr 242
12s.0d. (4s.0d.)

Sci - Min/metals

42, 693

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

A Contribution of the Theory of Antifriction Property of Wrought Iron, by Ya. G. Lifshits.

RUSSIAN, no per, Lit Proiz, No 10, 1955, pp 22-23.

Co-Op Trans Sch Tr 241
6s.0d. (2s.0d.)

Sci - Min/metals

42,274

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230026-4

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Silaev, A.

BALANCE DE LA SESION CIENTIFICO-TECNICA PARA MEJORAR LA CALIDAD DEL ACERO COLADO (Itogi Nauchno-Tekhnicheskoi Sessii po Uluchsheniyu Kachestva Stal'nykh Otlivok) (Balance of the Scientific-Technical Session Held on the Quality of Wrought Steel). 11p. CID: 62-269.
Order from OTS, ETC or CID $0.80 62-29269

Trans. in Spanish of Liteinoe Proizvodstvo (USSR) 1953, no. 10, p. 31-32.

DESCRIPTORS: *Steel, Iron.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 8)

62-29269

I. Silaev, A.
II. CID-62-269
III. Centro de Informacion y Documentacion, Madrid (Spain)

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Chemical (Carbon Dioxide) Hardening of Foundry Cores, by I. B. Semenchenko.

RUSSIAN, per, Liteinoe Proizvodstvo, No 12, 1955, pp 1-2.

34047

Brutcher Tr
No 3692

$3.60

Scientific - Chemistry May 56 CTS/DEX

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Effect of Vacuum Melting on the Growth of Gray Cast Iron, by F. N. Tavadze, I. A. Bairamashvili.

RUSSIAN, per, Liteinoe Proizvodstvo, No 12, Dec 1955, pp 23.

Brutcher Tr 4038
$2.40

Sci - Min/Met

Jan 58

57, 379

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An Investigation of Inclusions in Ingots by Means of Isotopes, by B. B. Gulyayev, et al.

RUSSIAN, par, Lit Proiz, 1956, pp 25-27.

NLL M. 4165

Sci - Min/Metals

Apr 62

194, 213

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